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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Administration
Bureau of Agricultural and Industrial Chemistry

1943 SEMI-ANNUAL

NAVAL STORES REPORT

on

Production, Distribution, Consumption and Stocks

of

TURPENTINE AND ROSIN

of the

UNITED STATES

By Crop Years

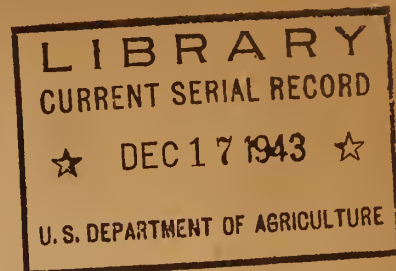
April 1, 1943 - September 30, 1943

Issued November 25, 1943

Compiled by

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Naval Stores Research Division



FOREWORD

This is the eighth Semi-Annual Naval Stores Report on production, consumption and stocks of naval stores. Annual reports, covering the entire naval stores season -- April 1 - March 31 -- are also issued. These reports are issued under Federal Act 278, authorizing and directing the Secretary of Agriculture to collect, compile and publish statistics and essential information relating to spirits of turpentine and rosin produced, held and used in the domestic and foreign commerce of the United States.

If production figures for this period are used as a basis for estimating this season's probable production, the fact that gum naval stores production is seasonal should be borne in mind. Wood naval stores production, on the other hand, is not seasonal but is based largely upon probable consumer demand and to some degree upon labor.

As in previous reports, carryover (stocks) of turpentine and rosin is separated into gum and wood products. Stocks of wood rosin do not include so-called "B wood rosin." While sulphate wood turpentine is carried in the regular production and carryover tables, data on "sulphate wood rosin" ("liquid rosin" or "tall oil") are in a table separate from gum and wood rosins. Pending the selection of a proper term, we continue to refer to the mixture of rosin and fatty acids recovered from the acidulated soap curds obtained in the production of sulphate pulp as "tall oil." The "sulphate wood rosin" or "tall oil" so obtained contains approximately 42 percent of resin acids.

The data on production, consumption and stocks are expressed in commercial units: For turpentine -- barrels of 50 gage gallons; and for rosin -- barrels of approximately 500 pounds gross weight. A unit of naval stores consists of one barrel of turpentine and three and one-third barrels of rosin. Carryover figures do not include gum turpentine or rosin producible from crude gum on hand.

Statistics on exports and imports of turpentine and rosin are not included in this issue.

These reports are designed to be of use to the industry -- producer, factor, distributor and consumer. Every effort is made to obtain complete and accurate information but the completeness, accuracy and promptness of issue depend upon the cooperation of those reporting. In accepting the statistics given in this report, as well as those in previous reports, it should be borne in mind that the Bureau of Agricultural and Industrial Chemistry merely assembles the figures from the individual reports received and is not responsible for their accuracy.

The Bureau of Agricultural and Industrial Chemistry extends its thanks to those producers, factors, distributors and consumers who have so kindly cooperated in furnishing the requested information. The advice and assistance of C. F. Speh, formerly Chief of the Naval Stores Research Division, in compiling this report is gratefully acknowledged.

SUMMARY OF TURPENTINE

SUPPLY, DISTRIBUTION AND CARRYOVER (Bbls. - 50 gals.)

	<u>1943-44</u>			<u>1942-43</u>		
	<u>6 mos. (Apr. - Sept.)</u>			<u>6 mos. (Apr. - Sept.)</u>		
	<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>
U. S. Carryover						
April 1 ^{1/}	268,213	213,285	74,928	156,369	86,448	69,921
Production ^{2/}	288,009	186,074	111,935	339,436	211,255	128,181
Imports ^{3/}	- -	Not available	- -	- -	Not available	- -
Available Supply	586,222	399,359	186,863	495,805	297,703	198,102
Less Carryover						
Sept. 30 ^{4/}	315,287	269,918	45,369	252,137	173,615	78,522
Appar. Total						
Consumption	270,935	129,441	141,494	243,668	124,088	119,580
Less Exports ^{5/}	- -	Not available	- -	- -	Not available	- -
Appar. U. S.						
Consumption	- -	Not available	- -	- -	Not available	- -

TABLE 2a - CARRYOVER (Stocks)

U. S. Carryover						
April 1	288,213	213,285	74,928	156,369	86,448	69,921
U. S. Carryover						
Sept. 30	315,287	269,918	45,369	252,137	173,615	78,522
Increase	27,074	56,633	---	95,768	87,167	8,601
Decrease	---	---	29,559	---	---	---

^{1/} Table 1a. 1942-43 Annual Naval Stores Report.

^{2/} Table 5a.

^{3/} Not available.

^{4/} Table 4a.

^{5/} Not available.

SUMMARY OF ROSIN

SUPPLY, DISTRIBUTION AND CARRYOVER (Bbls. - 500 lbs. gross)

	<u>1943-44</u>			<u>1942-43</u>		
	6 mos. (Apr. - Sept.)			6 mos. (Apr. - Sept.)		
	<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>
U. S. Carryover						
April 1 ^{1/}	1,605,286	1,324,796	280,490	1,434,677	1,230,817	203,860
Production ^{2/}	1,055,141	627,978	427,163	1,243,151 ^{4/}	697,736 ^{4/}	545,415
Imports ^{3/}	- - Not available	- -	- -	- - Not available	- -	- -
Available Supply	2,660,427	1,952,774	707,653	2,677,828	1,928,553	749,275
Less Carryover						
Sept. 30 ^{5/}	1,398,688	1,205,421	193,267	1,586,773	1,298,667	288,106
Appar. Total						
Consumption	1,261,739	747,353	514,386	1,091,055	629,886	461,169
Less Exports ^{6/}	- - Not available	- -	- -	- - Not available	- -	- -
Appar. U. S.						
Consumption	- - Not available	- -	- -	- - Not available	- -	- -

TABLE 2b - CARRYOVER (Stocks)

U. S. Carryover						
April 1	1,605,286	1,324,796	280,490	1,434,677	1,230,817	203,860
U. S. Carryover						
Sept. 30	1,398,688	1,205,421	193,267	1,586,773	1,298,667	288,106
Increase	---	---	---	152,096	67,850	84,246
Decrease	206,598	119,375	87,223	---	---	---

^{1/} Table 1b. 1942-43 Annual Naval Stores Report.

^{2/} Table 5b.

^{3/} Not available.

^{4/} Includes reclaimed gum rosin.

^{5/} Table 4b.

^{6/} Not available.

DETAILS AND SUMMARY OF TURPENTINE CARRYOVER (Bbls. - 50 gals.)

	<u>1943</u> Sept. 30			<u>1942</u> Sept. 30		
	<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>

TABLE 3a - DETAILS OF TURPENTINE CARRYOVER (Stocks)

<u>Production Points^{1/}</u>						
Gum Still ^{2/}	18,594	18,594	---	20,315	20,315	---
Wood Plants ^{2/}						
Steam Dist. ^{3/}	7,271	---	7,271	32,184	---	32,184
Sulphate	13,697	---	13,697	11,451	---	11,451
Dest. Dist.	195	---	195	474	---	474
Total	<u>39,757</u>	<u>18,594</u>	<u>21,163</u>	<u>64,424</u>	<u>20,315</u>	<u>44,109</u>
<u>Sou. Concent. Points^{1/}</u>						
Ports ^{4/}	135,740	135,740	---	56,788	56,788	---
Interior Yards	89,674	89,674	---	67,106	67,106	---
Total	<u>225,414</u>	<u>225,414</u>	<u>---</u>	<u>123,894</u>	<u>123,894</u>	<u>---</u>
<u>Distrib. Points</u>						
Eastern	10,346	4,377	5,969	18,463	6,782	11,681
Central	17,920	12,257	5,663	20,050	11,040	9,010
Western	4,707	2,786	1,921	8,040	5,152	2,888
Total ^{5/}	<u>32,973</u>	<u>19,420</u>	<u>13,553</u>	<u>46,553</u>	<u>22,974</u>	<u>23,579</u>
<u>Industrial Plants^{6/}</u>	17,143	6,490	10,653	17,266	6,432	10,834

TABLE 4a - SUMMARY OF TURPENTINE CARRYOVER (Stocks)

Production Points	39,757	18,594	21,163	64,424	20,315	44,109
Sou. Concent. Points	225,414	225,414	---	123,894	123,894	---
Distrib. Points	32,973	19,420	13,553	46,553	22,974	23,579
Industrial Plants	17,143	6,490	10,653	17,266	6,432	10,834
Total in U. S.	<u>315,287</u>	<u>269,918</u>	<u>45,369</u>	<u>252,137</u>	<u>173,615</u>	<u>78,522</u>

- ^{1/} Irrespective of ownership. Some of the turpentine may have been sold and may be awaiting shipment.
- ^{2/} Compiled from reports by producers and factors.
- ^{3/} Does not include by-products resulting from making paler grades from FF wood rosin.
- ^{4/} Official Board of Trade and Chamber of Commerce Reports.
- ^{5/} Compiled from reports of individual distributors.
- ^{6/} Compiled from reports of individual consumers.

DETAILS AND SUMMARY OF ROSIN CARRYOVER (Bbls. - 500 lbs. gross)

	<u>1943</u> Sept. 30			<u>1942</u> Sept. 30		
	<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>
<u>TABLE 3b - DETAILS OF ROSIN CARRYOVER (Stocks)</u>						
<u>Production Points</u> ^{1/}						
Gum Stills ^{2/}	108,303	108,303	---	129,113	129,113	---
Wood Plants ^{2/}						
Steam Dist. ^{3/}	81,694	---	81,694	166,172	---	166,172
Sulphate	---	---	---	---	---	---
Dest. Dist.	---	---	---	---	---	---
Total	<u>189,997</u>	<u>108,303</u>	<u>81,694</u>	<u>295,285</u>	<u>129,113</u>	<u>166,172</u>
<u>Sou. Concent. Points</u> ^{1/}						
Ports ^{4/}	266,109	266,109	---	383,361	383,361	---
Interior Yards	546,025	546,025	---	522,430	522,430	---
Total	<u>812,134</u>	<u>812,134</u>	<u>---</u>	<u>905,791</u>	<u>905,791</u>	<u>---</u>
<u>Distrib. Points</u>						
Eastern	12,118	7,172	4,946	10,628	5,464	5,164
Central	10,463	5,929	4,534	10,763	6,381	4,382
Western	2,498	630	1,868	1,697	306	1,391
Total ^{5/}	<u>25,079</u>	<u>13,731</u>	<u>11,348</u>	<u>23,088</u>	<u>12,151</u>	<u>10,937</u>
<u>Industrial Plants</u> ^{6/}	371,478	271,253	100,225	362,609	251,612	110,997

TABLE 4b - SUMMARY OF ROSIN CARRYOVER (Stocks)

Production Points	189,997	108,303	81,694	295,285	129,113	166,172
Sou. Concent. Points	812,134	812,134	---	905,791	905,791	---
Distrib. Points	25,079	13,731	11,348	23,088	12,151	10,937
Industrial Plants	371,478	271,253	100,225	362,609	251,612	110,997
Total in U. S.	<u>1,398,688</u>	<u>1,205,421</u>	<u>193,267</u>	<u>1,586,773</u>	<u>1,298,667</u>	<u>288,106</u>

- ^{1/} Irrespective of ownership. Some of the rosin may have been sold and may be awaiting shipment.
- ^{2/} Compiled from reports by producers and factors. Includes reclaimed rosin.
- ^{3/} Does not include by-products resulting from making paler grades from FF wood rosin.
- ^{4/} Official Board of Trade and Chamber of Commerce Reports.
- ^{5/} Compiled from reports of individual distributors.
- ^{6/} Compiled from reports of individual consumers.

DETAILS OF PRODUCTION

<u>1943-44</u>			<u>1942-43</u>		
6 mos. (Apr. - Sept.)			6 mos. (Apr. - Sept.)		
<u>Total</u>	<u>Gum</u>	<u>Wood</u>	<u>Total</u>	<u>Gum</u>	<u>Wood</u>

TABLE 5a - PRODUCTION OF TURPENTINE (Bbls. - 50 gals.)

Gum	186,074	186,074	---	211,255	211,255	---
Wood, Steam Dist.	66,401	---	66,401	85,011	---	85,011
" Sulphate	43,544	---	43,544	39,779	---	39,779
" Dest. Dist.	1,990	---	1,990	3,391	---	3,391
Total	<u>298,009</u>	<u>186,074</u>	<u>111,935</u>	<u>339,436</u>	<u>211,255</u>	<u>128,181</u>

TABLE 5b - PRODUCTION OF ROSIN (Bbls. - 500 lbs. gross)

Gum	621,651	621,651	---	689,804	689,804	---
Reclaimed (gum)	6,327	6,327	---	7,932	7,932	---
Wood, Steam Dist.	427,163	---	427,163	545,415	---	545,415
" Sulphate (Table 5c)	---	---	---	---	---	---
Wood, Dest. Dist.	---	---	---	---	---	---
Total	<u>1,055,141</u>	<u>627,978</u>	<u>427,163</u>	<u>1,243,151</u>	<u>697,736</u>	<u>545,415</u>

TABLE 5c - PRODUCTION OF "SULPHATE WOOD ROSIN (TALL OIL)"

<u>1943-44</u>	<u>1942-43</u>
Apr. - Sept.	Apr. - Sept.

80,999 tons black liquor soap	36,098 tons black liquor soap
29,776 tons tall oil	18,711 tons tall oil

TABLE 6 - PRODUCTION OF GUM TURPENTINE BY STATES

	<u>1943-44</u>		<u>1942-43</u>	
	<u>6 mos. (Apr. - Sept.)</u>		<u>6 mos. (Apr. - Sept.)</u>	
	<u>Barrels</u>	<u>Percentage</u>	<u>Barrels</u>	<u>Percentage</u>
South Carolina	2,112	1.14	3,132	1.48
Georgia	130,921	70.36	156,282	73.97
Florida	39,772	21.37	33,189	15.72
Alabama	10,340	5.56	15,235	7.22
Mississippi	2,317	1.24	2,628	1.24
Louisiana	612	0.33	789	0.37
Total	186,074	100.00	211,255	100.00

TABLE 7 - MISCELLANEOUS NAVAL STORES

(6 mos. (Apr. - Sept.))

	<u>Production</u>	<u>Stocks</u>
	(50 gal. bbls.)	(50 gal. bbls.)
Pine Oil	52,743	9,961
Pine Tar	50,352	880
Dipentene	6,844	7,865
Other Monocyclic Hydrocarbons	17,121	7,757

TABLE 8a - REPORTED CONSUMPTION OF TURPENTINE IN UNITED STATES (Bbls. - 50 gals.)

	<u>1943-44</u>			<u>1942-43</u>		
	<u>6 mos. (Apr. - Sept.)</u>			<u>6 mos. (Apr. - Sept.)</u>		
	<u>Total</u>	<u>Gum^{1/}</u>	<u>Wood^{1/}</u>	<u>Total</u>	<u>Gum^{1/}</u>	<u>Wood^{1/}</u>
Abattoirs	0			0		
Adhesives and plastics	250			313		
Asphaltic products	0			0		
Automobiles and wagons	141			103		
Chemicals and pharmaceuticals	57,670			33,570		
Ester gum and synthetic resins ^{2/}	6,737			0		
Foundries and foundry supplies	370			466		
Furniture	130			170		
Insecticides and disinfectants	25			49		
Linoleum and floor covering	17			16		
Matches	0			0		
Oils and greases	44			14		
Paint, varnish and lacquer	12,345			16,970		
Paper and paper size	0			0		
Printing ink	118			109		
Railroads and shipyards	4,462			4,765		
Rubber	83			56		
Shoe polish and shoe materials	7,251			4,700		
Soap	0			0		
Other industries	79			141		
Total industrial reported	89,792	16,899	72,893	61,532	23,920	37,612
Not accounted for ^{3/}	- -	Not available	- -	- -	Not available	- -
Apparent U. S. consumption ^{4/}	- -	Not available	- -	- -	Not available	- -

^{1/} Separation of gum and wood turpentine consumption will be limited for the present to the total reported.

^{2/} Included under "Chemicals and pharmaceuticals" in previous years

^{3/} Principally unreported distribution of turpentine through retailers who sell in small quantities to ultimate consumers.

^{4/} From Table 1a, page 1.

TABLE 8b - REPORTED CONSUMPTION OF ROSIN IN UNITED STATES (Bbls. - 500 lbs.)

	1943-44			1942-43		
	6 mos. (Apr. - Sept.)			6 mos. (Apr. - Sept.)		
	Total	Gum ^{1/}	Wood ^{1/}	Total	Gum ^{1/}	Wood ^{1/}
Abattoirs	614			188		
Adhesives and plastics	11,820			11,687		
Asphaltic products	1,760			2,646		
Automobiles and wagons	122			139		
Chemicals and pharmaceuticals	130,991			114,017		
Ester gum and synthetic resins	81,860			73,536		
Foundries and f'dry supplies	12,212			15,230		
Furniture	9			109		
Insecticides and disinfectants	3,266			2,596		
Linoleum and floor covering	8,534			24,319		
Matches	892			790		
Oils and greases	22,338			17,245		
Paint, varnish and lacquer	77,337			73,631		
Paper and paper size	233,450			176,198		
Printing ink	8,554			7,994		
Railroads and shipyards	6,834			1,990		
Rubber	2,777			1,404		
Shoe polish and shoe materials	6,762			3,569		
Soap	138,783			125,250		
Other industries	3,627			7,016		
Total industrial reported	752,547	362,919	389,628	659,554	352,061	307,493
Not accounted for ^{2/}	- -	Not available - -	- -	- -	Not available - -	- -
Apparent U. S. consumption ^{3/}	- -	Not available - -	- -	- -	Not available - -	- -

^{1/} Separation of gum and wood rosin consumption will be limited for the present to the total reported.

^{2/} Principally unreported distribution of rosin through retailers who sell in small quantities to ultimate consumers.

^{3/} From Table 1b, page 2.

TABLE 9 - WEIGHTED¹/ AVERAGE MONTHLY AND SEASON PRICES OF GUM SPIRITS OF TURPENTINE - 1921-22 to 1943-44²
(Based upon Wednesdays and Saturdays closing Savannah Prices)³

Season	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Average
1921-22	53.17	61.83	52.62	53.06	56.55	65.15	69.04	73.44	74.14	83.86	86.07	80.92	62.62
	79.50	86.07	106.54	113.07	110.61	123.31	145.94	151.25	130.71	145.87	143.29	147.53	119.82
	32	105.48	94.74	88.73	88.83	91.61	83.86	88.50	86.36	94.88	95.37	95.72	95.22
1924-25	51.82	83.49	77.63	77.66	82.99	82.28	81.43	79.24	77.64	86.40	87.95	86.00	81.30
1925-26	87.39	97.39	92.48	90.08	95.29	106.25	105.56	104.79	93.77	99.72	92.69	93.81	96.66
1926-27	89.86	79.67	80.14	82.07	89.31	86.00	84.75	82.69	80.85	76.07	68.00	67.38	82.62
1927-28	60.61	56.41	51.24	50.64	52.31	49.22	46.71	44.36	49.49	55.03	54.94	54.82	51.38
1928-29	52.06	47.87	50.87	49.83	47.58	46.40	48.18	54.22	55.50	56.47	53.16	52.42	50.54
1929-30	48.78	48.90	46.83	47.11	46.68	49.74	50.82	47.85	48.13	49.42	50.12	50.67	48.28
1930-31	48.42	43.51	41.33	37.56	35.32	38.26	35.60	37.03	36.14	38.11	39.97	47.81	39.34
1931-32	50.44	49.42	50.69	39.77	31.40	31.88	31.17	35.21	33.83	34.68	34.84	40.06	40.10
1932-33	39.50	39.44	38.64	35.94	37.68	41.09	40.86	39.71	37.04	39.88	39.75	39.46	38.82
1933-34	37.88	42.47	40.39	46.39	42.83	41.97	40.81	42.14	42.07	47.44	57.00	55.00	42.72
1934-35	53.66	50.81	46.44	42.82	41.83	41.19	46.59	48.00	46.46	49.59	50.53	49.71	45.64
1935-36	47.37	47.07	44.46	42.40	38.47	40.91	45.76	44.92	43.96	45.19	44.44	39.31	43.56
1936-37	37.43	36.26	35.86	36.44	38.73	37.19	36.33	38.25	41.59	43.13	41.84	39.01	37.48
1937-38	35.97	35.83	34.07	33.44	31.94	29.93	27.28	26.92	26.14	28.18	26.47	25.42	31.36
1938-39	23.18	22.69	22.56	23.24	22.53	20.92	22.81	22.32	22.31	24.78	25.56	28.42	22.61
1939-40	24.96	23.93	24.00	24.11	23.72	26.11	27.16	25.72	27.00	30.17	32.91	31.67	25.31
1940-41	28.78	27.65	26.25	26.69	28.69	30.80	34.99	38.37	37.11	42.05	38.78	39.25	30.03
1941-42	42.11	43.00	42.17	48.28	67.83	74.84	78.08	75.61	73.44	75.89	75.19	73.08	63.85
1942-43	65.47	61.22	62.12	64.30	61.06	66.28	70.08	69.84	69.50	69.59	69.09	69.69	66.52
1943-44	69.46	69.47	72.08	72.77	73.03	72.14							

¹/ Due to lack of information to complete this table, only simple averages are given for 1941-42 and thereafter.

²/ The monthly prices were obtained by averaging the Wednesday and Saturday closing prices. The season average price was obtained by multiplying each monthly price by the combined reported receipts during that month at Savannah, Jacksonville and Pensacola and dividing the total of these figures for the season by the total receipts for that season, thereby giving the months of heavy receipts and of low receipts their proper relative value.

³/ After November, 1936, Wednesdays and Fridays closing Savannah prices were used whenever there was no quoted Saturday market.

⁴/ To complete the table, beginning July 1, 1940, 6 cents per gallon has been added to the Savannah prices. Sources of data: Prices, Florida inspections and monthly receipts at Savannah, Jacksonville and Pensacola are taken from the NAVAL STORES REVIEW AND JOURNAL OF TRADE, DAILY MARKET REPORTS OF THE SAVANNAH EXCHANGE JACKSONVILLE AND PENSACOLA CHAMBERS OF COMMERCE, Economic Analysis Unit, General Crops Section, Agricultural Adjustment Administration.

TABLE 10 - WEIGHTED¹/ AVERAGE MONTHLY AND SEASON PRICES OF GUM ROSIN (280-lb. bbls.) - 1921-22 to 1943-44²/(Based upon Wednesdays and Saturdays closing Savannah Prices)³/

Season	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Average
	In dollars per barrel of 280 pounds gross weight												
1921-22	4.00	4.42	3.87	3.78	4.00	4.39	4.34	4.42	4.47	4.21	4.22	4.10	4.20
1922-23	4.35	4.79	5.09	5.23	5.25	5.52	5.75	5.48	5.14	5.07	5.15	5.17	5.20
1923-24	4.96	4.88	4.82	4.78	4.66	4.62	4.57	4.44	4.80	4.88	4.69	4.74	4.67
1924-25	4.81	4.88	4.72	4.71	4.94	5.20	5.99	6.46	6.49	7.19	7.28	7.24	5.61
1925-26	7.52	9.01	8.78	9.15	10.22	13.02	14.33	14.22	13.05	12.09	13.34	12.66	11.11
1926-27	11.66	10.42	12.18	13.09	12.53	13.92	12.32	11.64	11.64	11.98	11.98	10.42	12.20
1927-28	9.77	9.11	8.46	8.32	8.96	8.47	7.64	6.87	7.64	8.61	8.38	8.58	8.35
1928-29	8.31	7.68	8.24	8.53	8.32	8.06	8.20	8.53	8.57	8.57	8.36	8.08	8.29
1929-30	7.50	7.39	7.31	7.49	7.44	7.87	8.16	7.62	7.34	7.48	7.45	7.22	7.54
1930-31	6.85	6.16	5.65	4.78	4.42	4.77	4.37	4.45	4.46	4.30	4.52	4.95	5.02
1931-32	4.96	5.01	5.26	3.95	3.12	3.04	2.95	3.27	3.10	3.10	3.18	3.67	3.89
1932-33	2.98	2.91	2.74	2.54	2.32	3.23	3.07	2.94	2.92	2.98	2.90	2.90	2.83
1933-34	2.95	3.54	3.53	4.09	3.83	3.91	3.86	3.92	3.90	4.24	5.04	5.06	3.88
1934-35	5.09	4.87	4.55	4.30	4.37	4.43	4.52	4.45	4.48	4.73	4.86	4.79	4.55
1935-36	4.67	4.72	4.58	4.44	4.12	4.38	4.81	4.71	4.55	4.60	4.57	4.60	4.54
1936-37	4.38	4.32	4.70	5.42	6.68	6.00	6.23	7.26	9.28	10.20	9.76	8.97	6.42
1937-38	8.07	8.30	8.15	8.00	7.98	8.03	7.35	6.21	5.55	5.92	5.38	4.73	7.35
1938-39	4.87	4.67	4.81	5.15	4.98	4.72	5.28	5.64	5.09	5.12	5.29	5.79	5.02
1939-40	5.22	5.19	5.34	5.49	5.34	5.63	5.73	5.54	5.39	5.54	5.51	5.59	5.44
1940-41	5.20	5.06	4.69	4.00	4.46	4.21	4.44	4.72	4.51	4.76	4.69	4.83	4.55
1941-42	4.69	4.58	4.62	5.24	5.87	6.03	5.93	6.37	7.10	7.89	8.10	7.82	6.19
1942-43	7.05	6.65	6.73	7.12	6.75	7.65	8.02	8.04	8.00	8.22	8.16	8.63	7.59
1943-44 ¹ /	8.44	8.38	8.34	8.63	9.22	9.24							

Note: Rosin Grades included in average prices follow:--X, WW, WG, N, M, K, I, H, G, F, E, D, B.

- 1/ Due to lack of information to complete this table, only simple averages are given for 1941-42 and thereafter.
- 2/ The monthly prices were obtained by multiplying the average of the Wednesday and Saturday prices of each grade by the number of barrels of each grade reported as inspected in Florida during that month, and dividing the total of the resulting figures by the total number of barrels inspected in Florida during that month, and dividing the proper relative value to each grade. The season average price was obtained by multiplying the price by the combined reported receipts during that month at Savannah, Jacksonville and Jacksonville, Jacksonville and Jacksonville for the season by the total receipts for the season, and dividing the total of heavy receipts and of low receipts their proper relative value.
- 3/ The monthly prices of heavy receipts and of low receipts were used whenever there was no quoted price for the month, 1936, Wednesdays and Fridays closing Savannah prices were used whenever there was no quoted price for the day market.
- Sources of data: Prices, Florida inspections and monthly receipts at Savannah, Jacksonville and Pensacola are taken from the NAVAL STORES REVIEW AND JOURNAL OF TRADE, DAILY MARKET REPORTS OF THE SAVANNAH EXCHANGE, JACKSONVILLE AND PENSACOLA CHAMBERS OF COMMERCE. Economic Analysis Unit, General Crops Section, Agricultural Adjustment Administration.

ADDENDA

Additional information pertaining to naval stores may be obtained as follows:

For periods prior to 1942, for monthly, quarterly and annual reports on imports and exports of turpentine and rosin, address: Foreign Trade Statistics, Bureau of the Census, Department of Commerce, Washington, D. C. Price ten cents per copy.

For biennial census of the production of turpentine and rosin, address: Bureau of the Census, Department of Commerce, Washington, D. C.

For information on the southern forest survey showing turpentine timber resources, address: Southern Forest Experiment Station, Rural Route 3, New Orleans, Louisiana.

For information regarding the production, distribution, consumption and stocks of turpentine and rosin, address: Naval Stores Research Division, Southern Regional Research Laboratory, 2100 Robert E. Lee Boulevard, New Orleans 19, Louisiana.

Serial

1001-22

1924-23
1025-26

53.41

79.50

32

12.82

87.39

86.01

105.48

83.49

97.39